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(54) Title: TARGETING OF ERB ANTIGENS

Competitive inhibition of 1033-trastuzumab

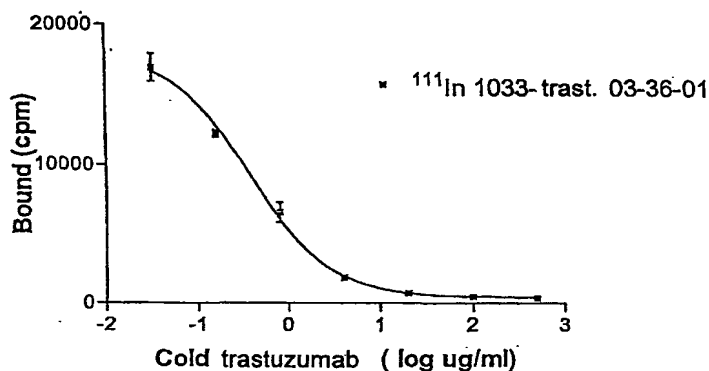


Figure 1: Competitive inhibition of ¹¹¹In labelled 1033-trastuzumab binding to SKBR-3 cells by cold (unlabelled, without 1033-conjugate) trastuzumab.

(57) Abstract: A conjugate comprising a) a trifunctional cross-linking moiety, to which is coupled b) an affinity ligand via a linker 1, c) a cytotoxic agent, optionally via a linker 2, and d) an anti Erb antibody or variants thereof having the ability to bind to Erb antigens expressed on mammalian tumour surfaces with an affinity-binding constant of at least $5 \times 10^6 \text{ M}^{-1}$, wherein the affinity ligand is biotin, or a biotin derivative having essentially the same binding function to avidin or streptavidin as biotin, wherein stability towards enzymatic cleavage of the biotinamide bond has been introduced in linker 1.

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